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FIG. 1

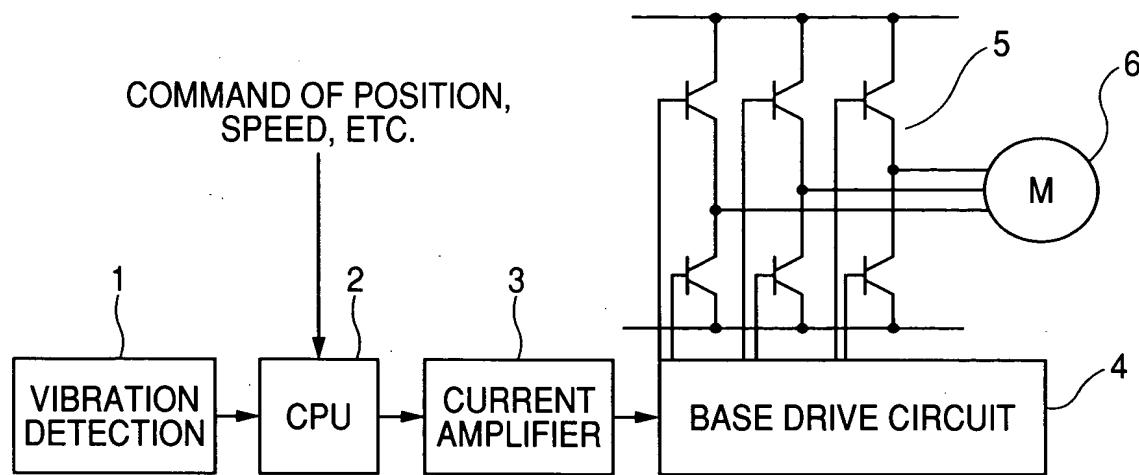
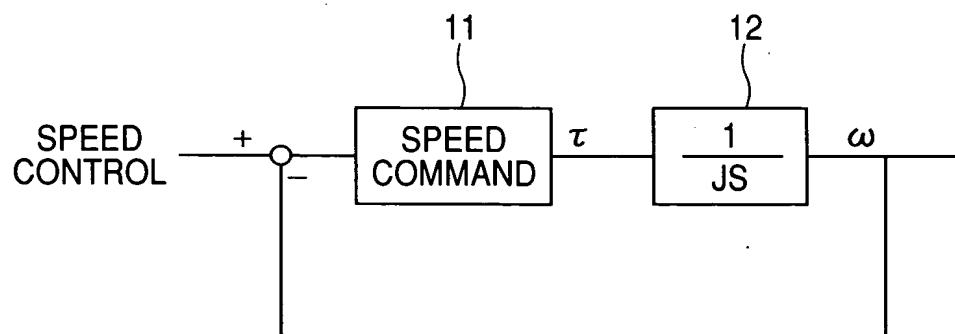


FIG. 2



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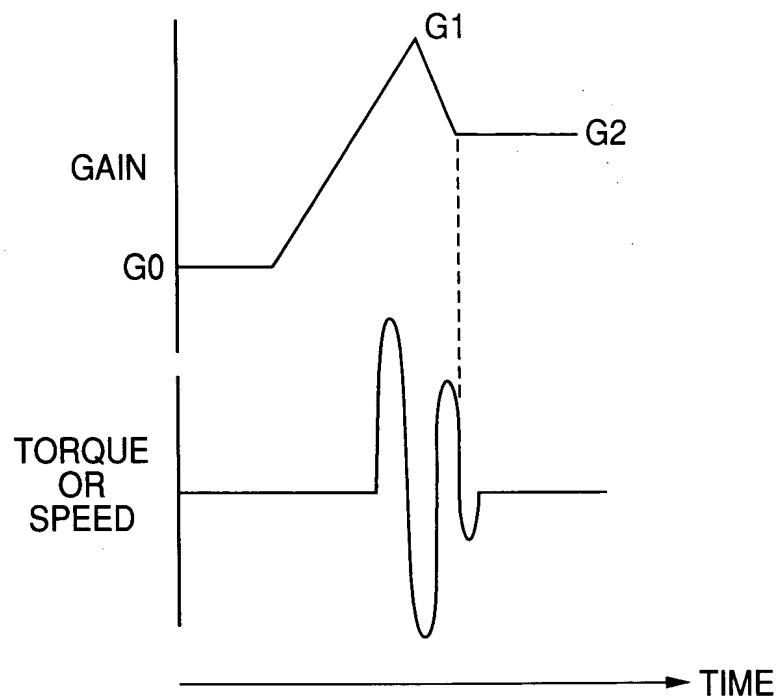
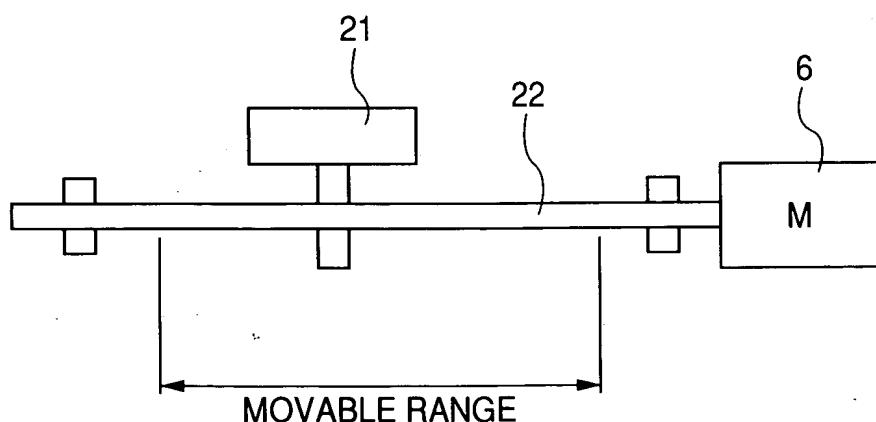
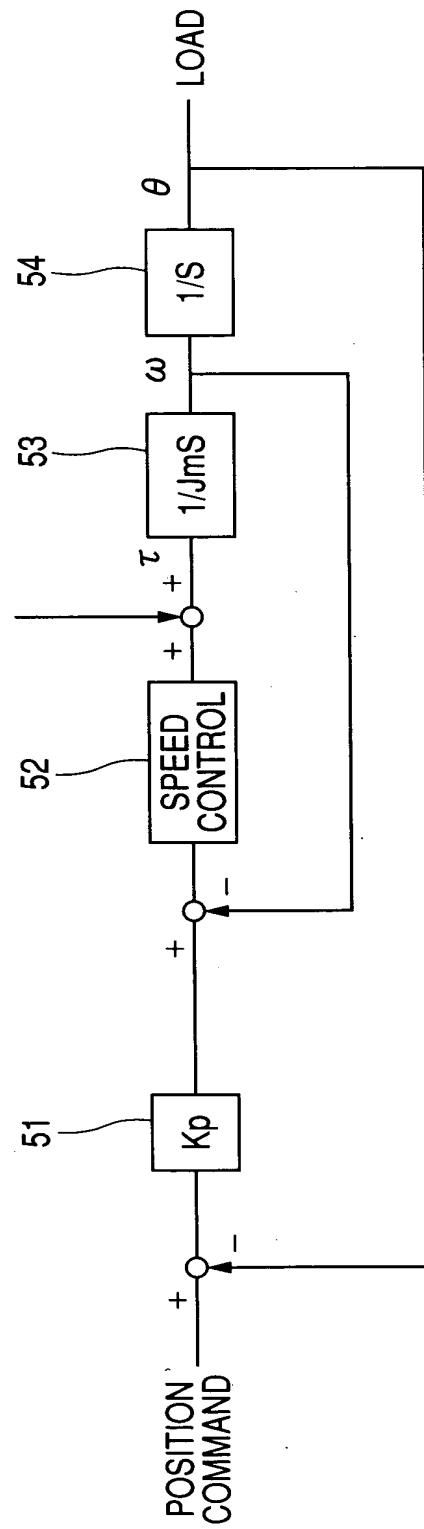
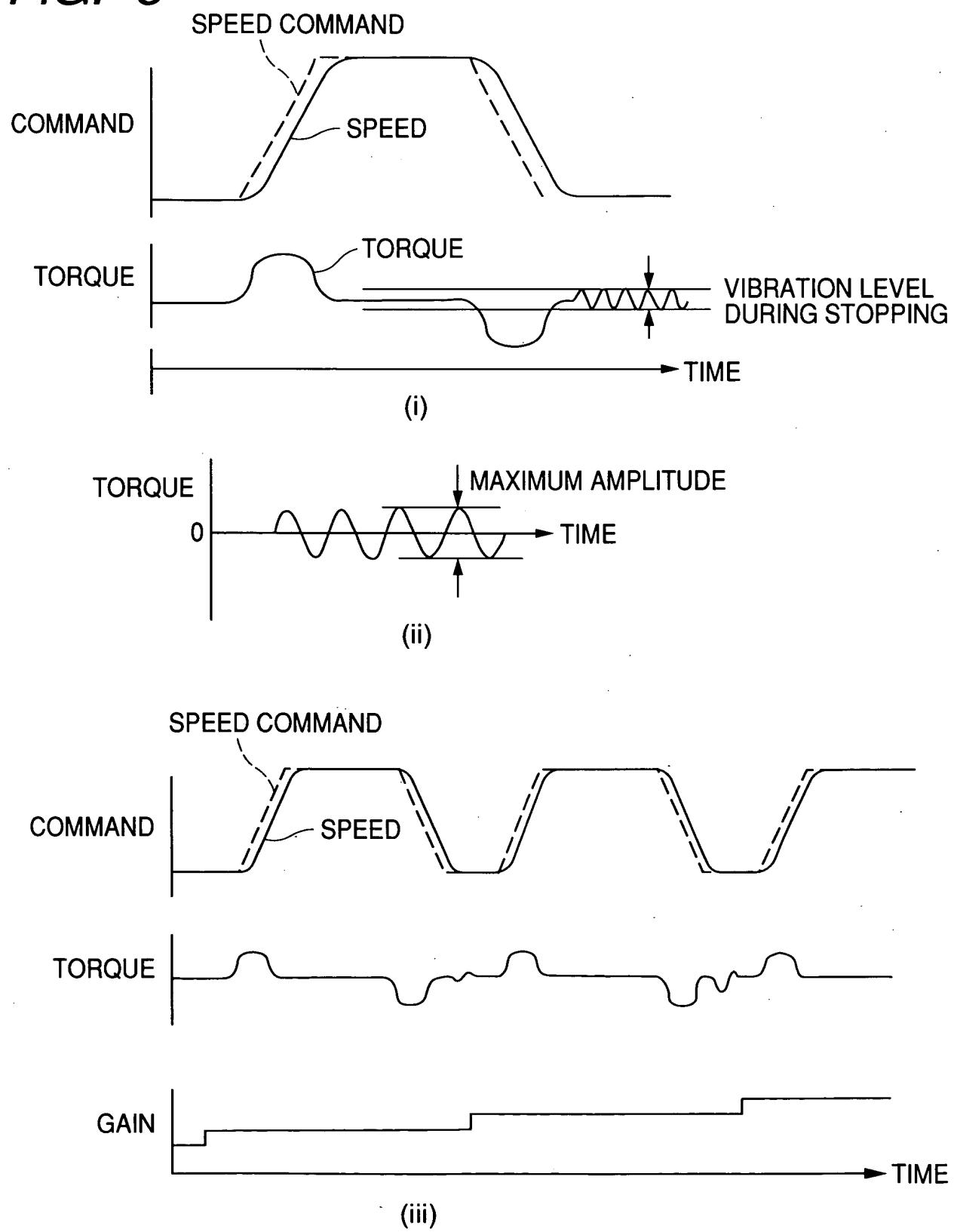
FIG. 3**FIG. 4**

FIG. 5



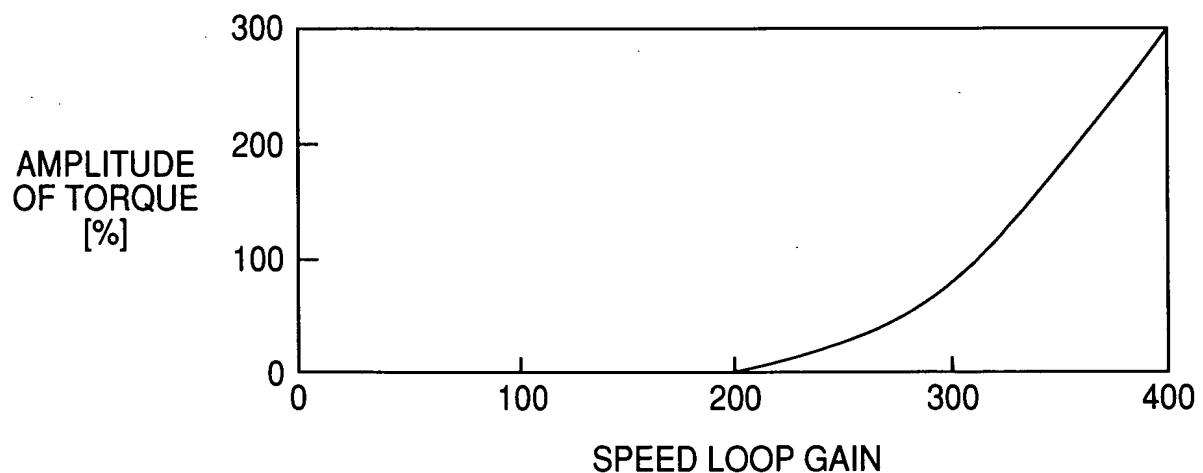
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FIG. 6

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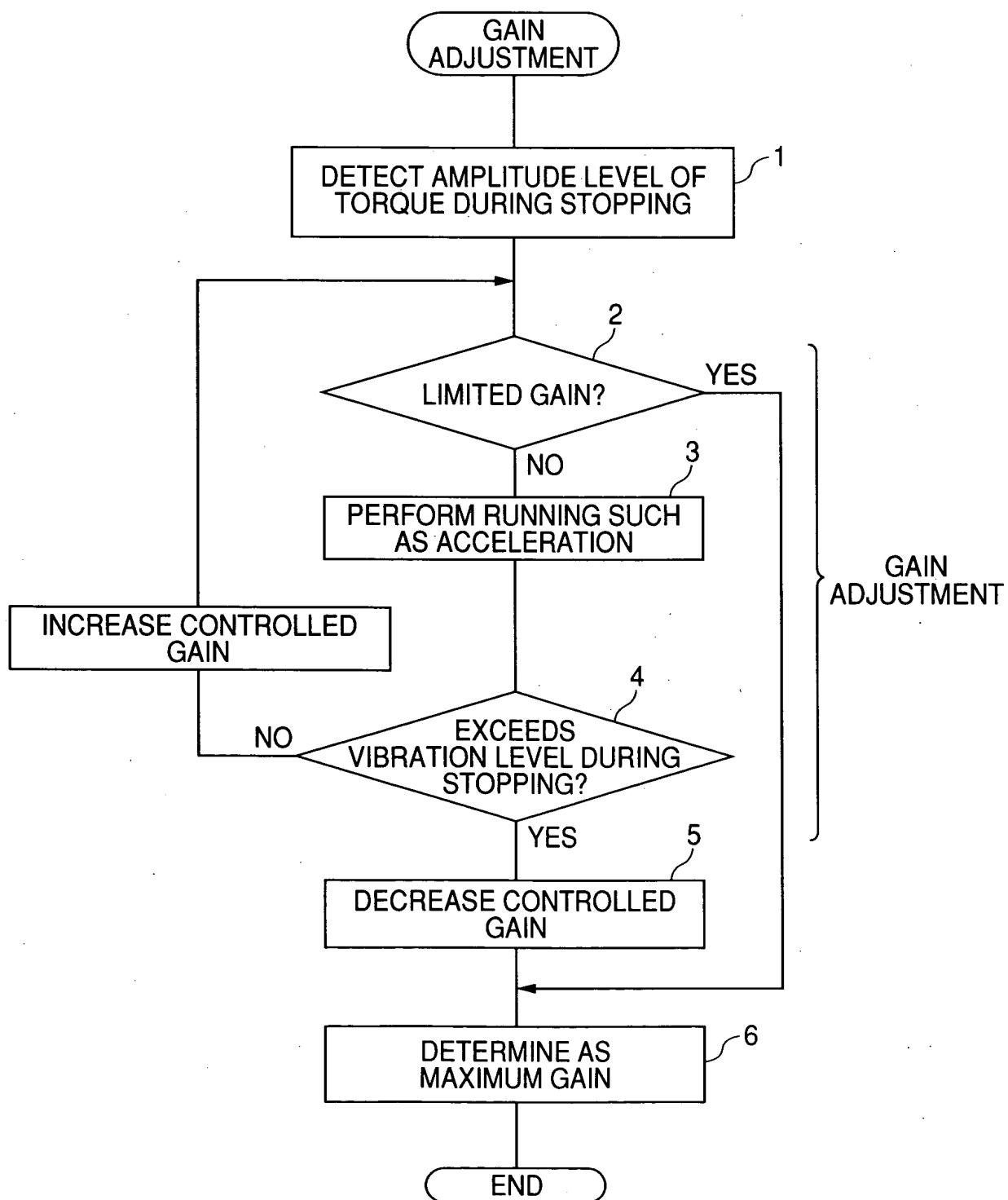
FIG. 7

JL = 0 VIBRATION DURING STOPPING



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FIG. 8



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FIG. 9

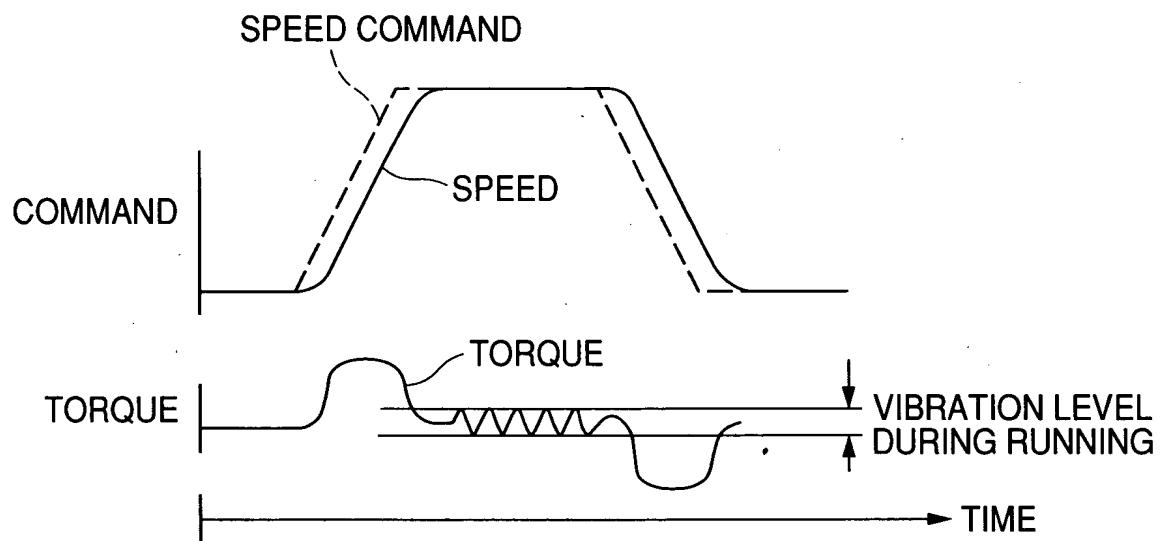


FIG. 10

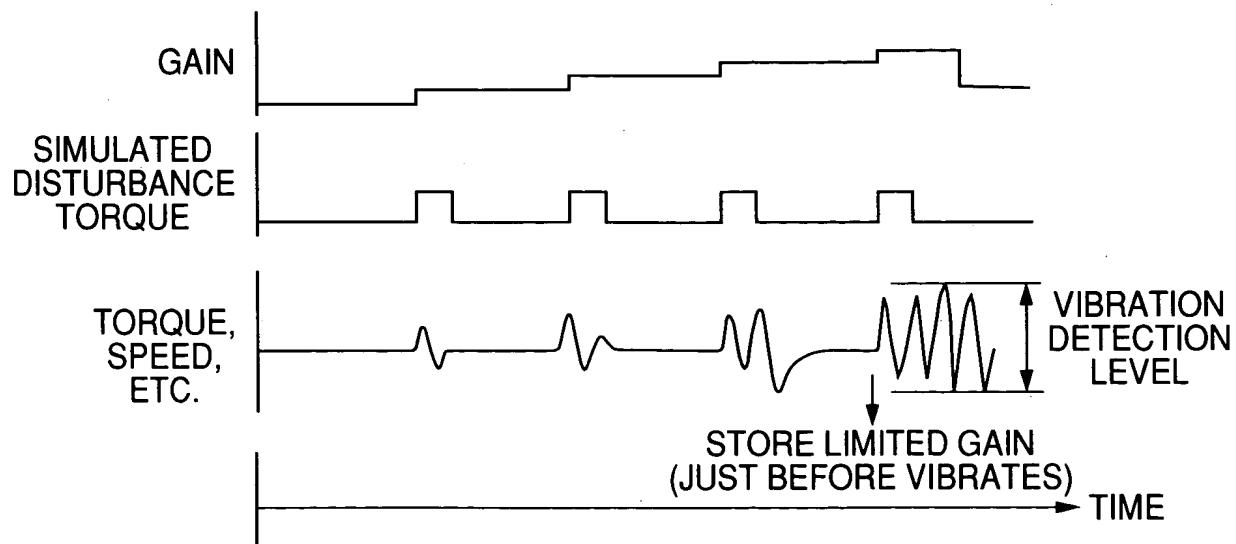
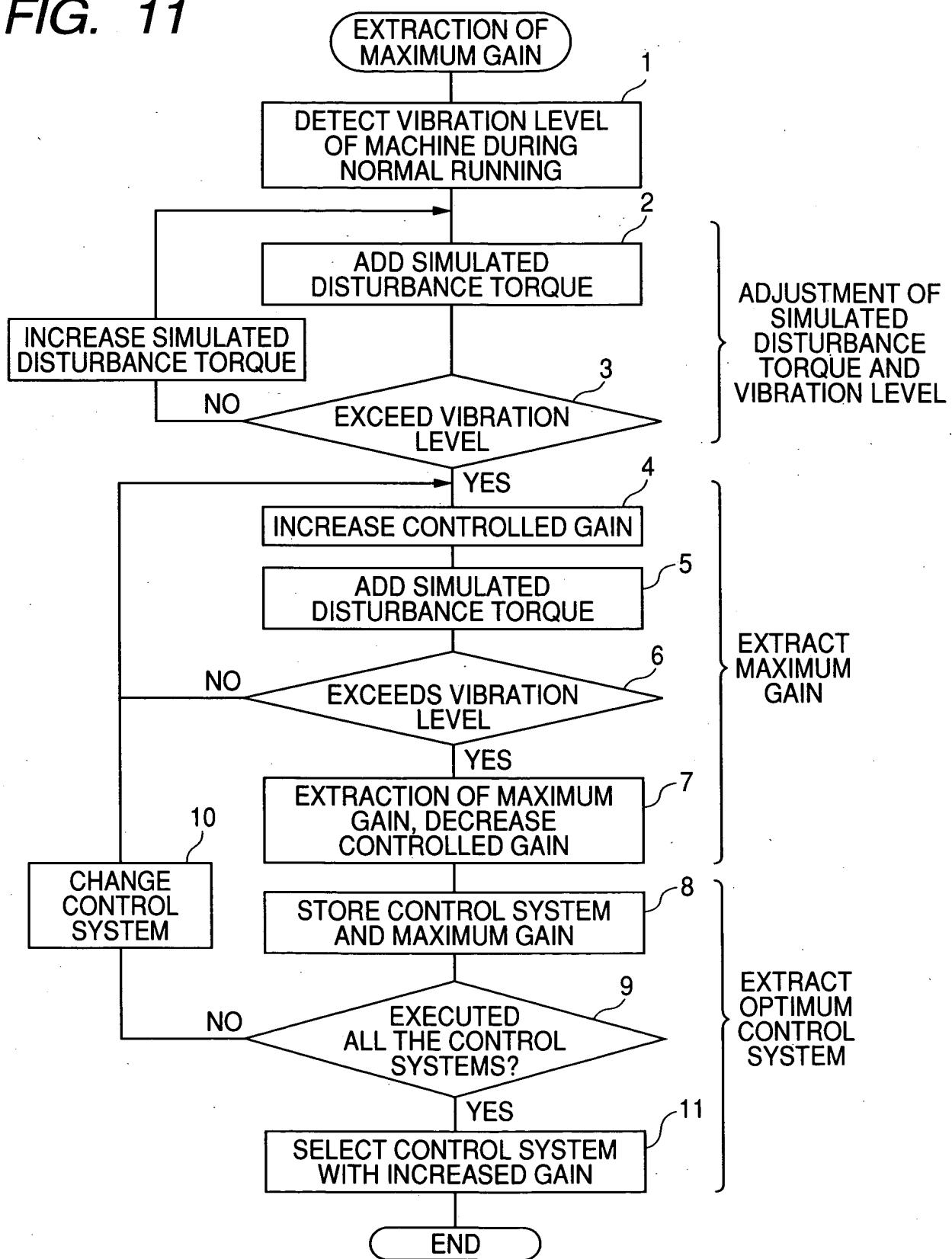
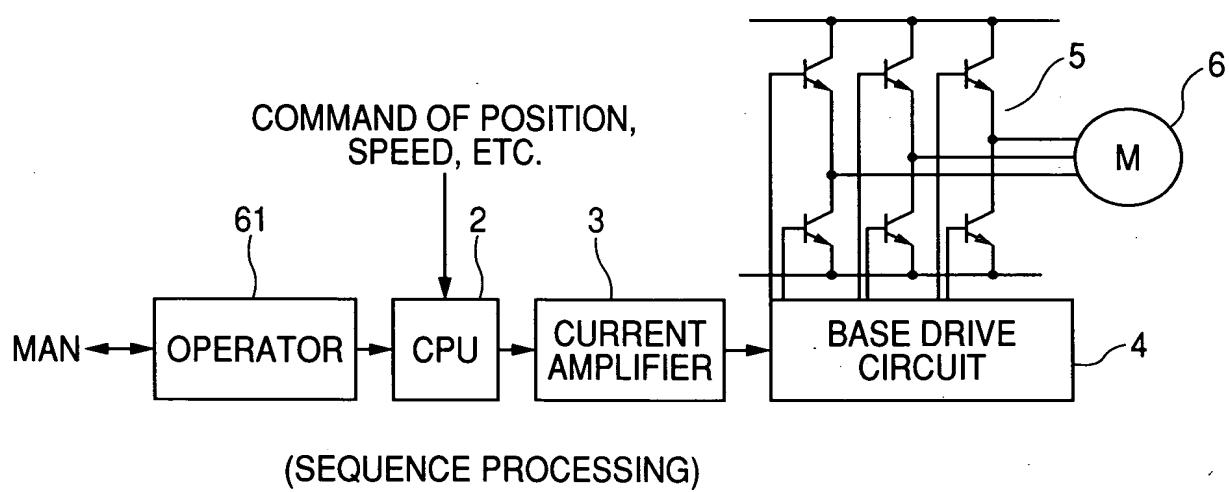


FIG. 11



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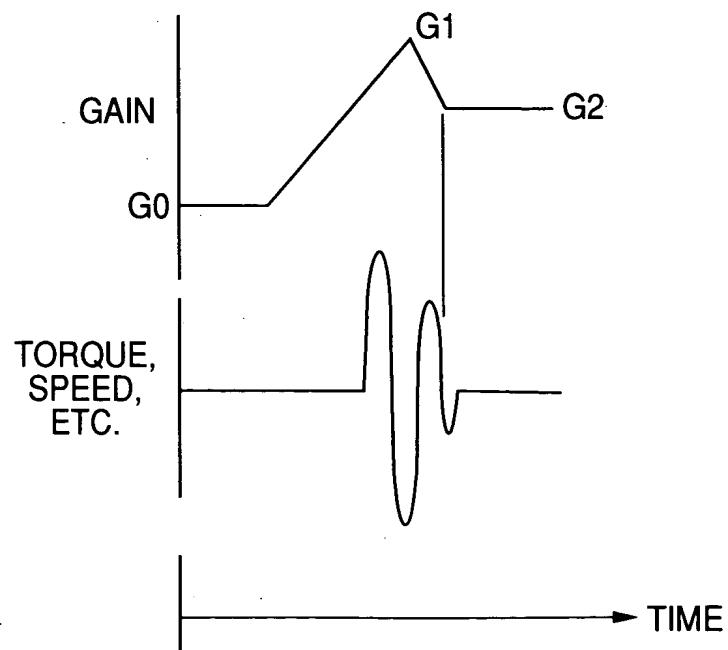
FIG. 12



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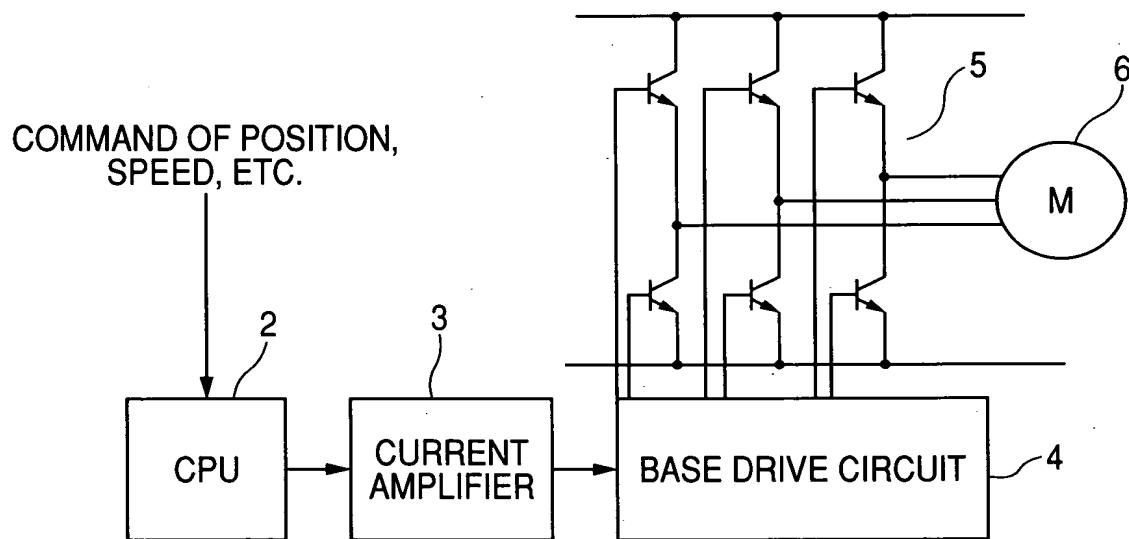
FIG. 13**EXEMPLARY SEQUENCE**

- 1 . MOVE IN MOVABLE RANGE
- 2 . INCREASE
- 3 . OBSERVE VIBRATION → INCREASE GAIN SLIGHTLY IF VIBRATION OCCURS
- 4 . FAST MOVE IN MOVABLE RANGE
- 5 . CONFIRM POSITIONING IN AT NORMAL SPEED.
- 6 .

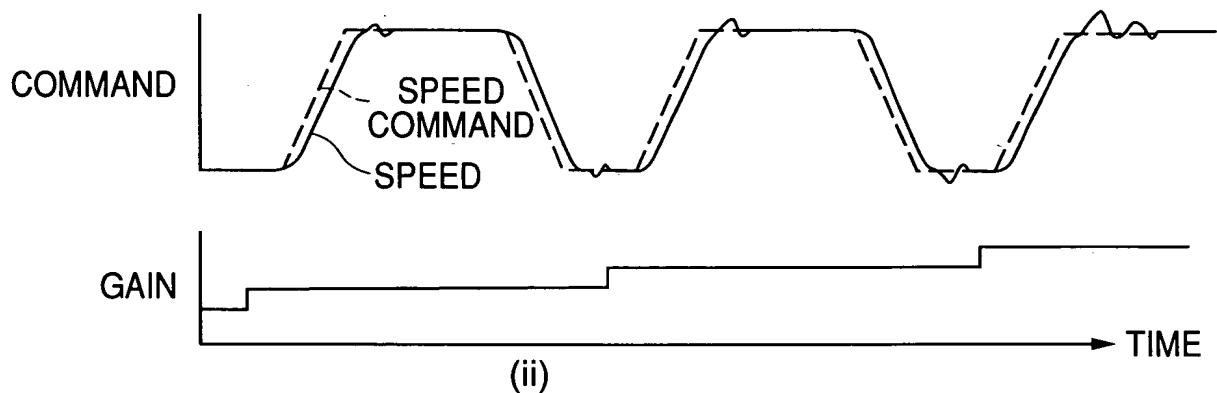
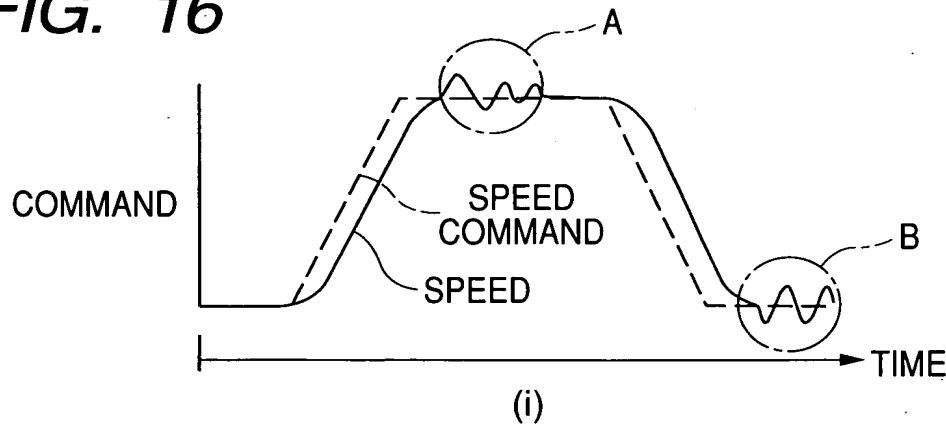
FIG. 14

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FIG. 15



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FIG. 16**FIG. 17**